

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
 GEOTECHNICAL UNIT BORING LOG

PROJECT NO 8.1910203		ID R-977A		COUNTY CHEROKEE		GEOLOGIST T.P. SHELTON								
SITE DESCRIPTION BRIDGE ON US 64 OVER HIWASSEE RIVER AT PEACHTREE							GND WATER							
BORING NO WBL B1-A		NORTHING 0.00		EASTING 0.00		0 HR N/A								
ALIGNMENT -L-REV		BORING LOCATION 67+71.000		OFFSET 17.00m LT		24 HR N/A								
COLLAR ELEV 476.57m		TOTAL DEPTH 20.73m		START DATE 11/11/97		COMPLETION DATE 11/11/97								
DRILL MACHINE CME 550			DRILL METHOD SPT CAS ADV NXWL			HAMMER TYPE AUTOMATIC								
SURFACE WATER DEPTH			DEPTH TO ROCK 9.25m			Log WBL B1-A, Page 1 of 2								
ELEV	DEPTH	BLOW CT			PEN (m)	BLOWS PER 30cm					SAMPLE NO	LOG	SOIL AND ROCK DESCRIPTION	
		15cm	15cm	15cm		0	25	50	75	100				
476.57														Ground Surface
476.00														ALLUVIUM: TAN AND BROWN, VERY LOOSE CLAYEY SAND
474.00	1.82	1	1	1	0.3								W	
472.00	3.34	1	2	2	0.3								W	
470.00	4.87	86	100	0	0.0					100				OLIVE BROWN, SILTY SOFT WEATHERED ROCK
468.00	6.39	100	0	0	0.1					100				
466.00	7.92	100	0	0	0.1					100				
464.00														SLIGHTLY WEATHERED, HIGHLY FRACTURED METASILTSTONE REC=78% RQD=25%
462.00														FRESH, SOUND METASILTSTONE REC=92% RQD=68%
460.00														
459.17														

Continued on the next page.

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DRILL MACHINE CME 550			DRILL METHOD SPT CAS ADV NXWL			HAMMER TYPE AUTOMATIC								
SURFACE WATER DEPTH			DEPTH TO ROCK 9.25m			Log WBL B1-A, Page 2 of 2								
ELEV	DEPTH	BLOW CT			PEN (m)	BLOWS PER 30cm					SAMPLE NO	LOG	SOIL AND ROCK DESCRIPTION	
		15cm	15cm	15cm		0	25	50	75	100				
459.17														
458.00														SLIGHTLY WEATHERED, HIGHLY FRACTURED METASILTSTONE REC=95% RQD=19%
456.84														FRESH, SOUND METASILTSTONE REC=94% RQD=91%
														BORING TERMINATED AT ELEVATION 455.844 METERS IN ROCK